

AMENDMENTS TO THE CLAIMS

1-25. (Cancelled)

26. (New) A cooling plate comprising at least one groove, which becomes a passage of a coolant, inside a body thereof, wherein said at least one groove is covered by a lid having a width larger than said at least one groove, said lid is joined to the body by friction stir welding along a periphery of said at least one groove, and a weld bead formed by joining said lid to the body is outside said at least one groove.

27. (New) The cooling plate according to claim 26, wherein said at least one groove comprises a plurality of grooves which are closed passages for coolant and are independent from each other.

28. (New) The cooling plate according to claim 26, wherein said weld bead terminates beyond the periphery of said at least one groove.

29. (New) The cooling plate according to claim 26, further comprising at least one second groove having a width larger than said at least one groove and wherein said lid is fitted in said at least one second groove so as to cover said at least one groove and the joining of said lid to said body by friction stir

welding is effected along a periphery of said at least one second groove.

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cont

30. (New) The cooling plate according to claim 26, wherein a projection is provided in a vicinity of a joining portion between said lid and said body and said friction stir welding is effected at said projection.
